

08/20/03  
13281 U.S. PTO

FORM PTO 1082-Continuations/Divisionals

VIA HAND DELIVERY

PATENT

Case Docket No. 50626.53

Date: August 20, 2003

BOX PATENT APPLICATION  
ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Chun Ho FAN, Wing Keung LAM, Ming Wang Sze, Sadak Thamby LABEED, Neil McLELLAN, and  
Mohan KIRLOSKAR

For: IMPROVED BALL GRID ARRAY PACKAGE AND PROCESS FOR MANUFACTURING SAME

This is a ☐ CONTINUING ☐ DIVISIONAL ☒ CONTINUATION-IN-PART of prior application Serial No. 10/323,657 filed December 20, 2002  
which is a CONTINUATION-IN-PART of prior application Serial No. 10/197,832 filed July 19, 2002

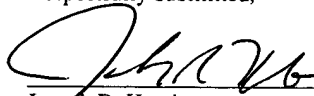
Enclosed are:

- 14 Pages of Specification
- 12 Sheet(s) of drawing (☒ formal ☐ informal)
- ☐ Declaration and Power of Attorney ☒ Will follow.
- ☐ Form PTO-1595 and an Assignment of the invention to ASAT LTD., QPL Industrial Building, 14th Floor, 138 Texaco Road, Tsuen Wan, New Territories, Hong Kong ☒ Will follow.
- ☒ Request for Non-publication of Application Under 35 USC 122(b)(2)(B)(i)
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
- ☐ Change of Correspondence Address
- ☐ Incorporation by Reference - The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied as indicated above, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
- ☐ DELETION OF INVENTOR(S) - Signed statement attached deleting inventor(s) in the prior application.
- ☒ Information Disclosure Statement and Form PTO 1449.
- ☒ Preliminary Amendment
- ☒ General authorization/request to Petition for Extensions of Time
- ☒ Return Postcard

FOR:	NO. FILED	NO. EXTRA	SMALL ENTITY RATE	SMALL ENTITY FEE		OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY FEE
BASIC FEE				\$375.00	OR		\$750.00
TOTAL CLAIMS	29	-9-	X 9	\$	OR	X 18	\$162.00
INDEP CLAIMS	3	-0-	X 40	\$	OR	X 84	\$-0-
<input type="checkbox"/> MULTIPLE DEP CLAIMS PRESENTED			X+ 130	\$	OR	+ 260	\$
			TOTAL =			TOTAL:	\$912.00

- ☐ Please charge my Deposit Account No. 50-1353 the amount of \$
- ☒ Credit Card Payment Form in the amount of \$912.00 to cover the filing fee is enclosed.
- ☐ Credit Card Payment Form for \$ covering the Assignment Recordation Fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1353.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 50-1353.
- ☐ Any patent application processing fees under 37 CFR 1.17.
- ☐ The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).
- ☐ Any filing fees under CFR 1.16 for presentation or extra claims.

Respectfully submitted,

  
Joseph R. Keating  
Registration No. 37,368

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03917 U.S. PTO  
10/643961  
08/20/03

**PATENT**

Docket No.: 50626.53

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re application of: Chun Ho FAN, Wing Keung LAM, Ming Wang Sze, Sadak Thamby  
LABEEB, Neil McLELLAN, and Mohan KIRLOSKAR  
For: IMPROVED BALL GRID ARRAY PACKAGE AND PROCESS FOR  
MANUFACTURING SAME**

New Continuation In Part Application of Parent Serial No. 10/323,657 filed December 20, 2002 which is a Continuation In Part of prior application Serial No. 10/197,832 filed July 19, 2002

Filing Date: August 20, 2003

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**CERTIFICATE OF HAND DELIVERY**


BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Date of Deposit: August 20, 2003

I hereby certify that an application for patent, including:  
14 pages of Specification (which includes 29 claims and a one-page Abstract); 12 Sheets of formal Drawings; a Credit Card Payment Form (PTO-2038) authorizing a charge to my credit card in the amount of \$912.00 to cover the filing fee; Transmittal Letter; General Authorization/Request to Petition for Extensions of Time; an Information Disclosure Statement; Request for Non-publication of Application Under 35 USC 122(b)(2)(B)(i); and Return Postcard are being deposited with the U.S. Patent Office at the Customer Service Window of the U.S. Patent Office on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Date of Deposit: August 20, 2003

  
\_\_\_\_\_  
Joseph R. Keating

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**NONPUBLICATION REQUEST  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Chun Ho FAN
Title	IMPROVED BALL GRID ARRAY...
Attorney Docket Number	50626.53

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

August 20, 2003

Date



Signature

(703) 385-5200

Telephone number

Joseph R. Keating (Reg. No. 37,368)

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



VIA HAND DELIVERY  
PATENT  
50626.53

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Chun Ho FAN et al.

Continuation In Part Application of Parent Serial No.: 10/323,657

Serial No.: Currently unknown

Filing Date: Concurrently herewith

For: IMPROVED BALL GRID ARRAY PACKAGE AND  
PROCESS FOR MANUFACTURING SAME

**GENERAL AUTHORIZATION/REQUEST TO PETITION FOR EXTENSIONS OF TIME**

U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window, Mail Stop PATENT APPLICATION  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Dear Sir:

With reference to the subject application, and pursuant to 37 C.F.R. § 1.136, Applicant(s) hereby authorize(s) and request(s) the Commissioner to treat any correspondence requiring a petition for extension of time as containing such a request therefor for the appropriate length of time. This general authorization is effective during the pendency of this application, including any division or continuing application therefrom.

Where no check is received by the Commissioner, you are hereby authorized to charge payment of the requisite petition fees, or charge any additional fee required under 37 C.F.R. § 1.17,

New Continuation In Part  
Application of Parent Application No.  
10/323,657  
General Authorization/Request  
To Petition for Extensions of Time  
Page 2 of 2

or credit any overpayment of same, to Deposit Account No. 50-1353. A duplicate copy of this general authorization is enclosed.

Respectfully submitted,

Date: August 20, 2003

  
\_\_\_\_\_  
Attorneys for Applicant(s)

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